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REMARKS

Claims 27, 36-42, and 51 have been amended and Claims 14-26, 28, 30-35, 43, 45, 46,

52, 54, and 55 have been cancelled without prejudice. As a result, Claims 1-13, 27, 29, 36-42,

44, 47-51, 53, 54, 56, and 57-59 remain pending in the present application. Support for the

amendments can be found in the specification and claims as filed. Accordingly, the amendments

do not constitute the addition of new matter.

Claims 36-42, 44, 47-50, 53, and 58 are withdrawn. These claims have been amended

such that all of them are dependent on an elected claim. Accordingly, upon allowance of the

elected claims, rejoinder of Claims 36-42, 44, 47-50, 53, and 58 is requested.

On November 3, 2003, Applicants' former counsel filed an Amendment in the above-

captioned case. On May 25, 2004, the Examiner mailed a Notice of Non-Compliant and Non-

Responsive Amendment. The present communication is responsive to that Notice.

Substitute Specification

According to the Examiner, the Amendment filed on November 3, 2003 was non-

compliant because the amendments to the specification must be made by presenting replacement

paragraphs showing changes relative to the immediate prior version.

According to the Examiner, the Amendment filed on November 3, 2003 was non-

responsive because not all sequences appearing in the specification and/or drawings have been

identified by sequence identifiers.

Applicants submit herewith a clean copy and redlined copy of a Substitute Specification

which corrects the deficiencies mentioned by the Examiner. I hereby verify that the Substitute

Specification adds no new matter to the application.

Claim amendments

In addition to the amendments to the withdrawn claims referred to above, Claims 27, 36-

42, and 51 have been amended to correct the numbering of the sequence identifier. The term

"SEQ ID NO:46" has been amended to "SEQ ID NO:44." Support for this amendment can be

found in the Sequence Listing. The obvious error is ascertained by reviewing the Sequence

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Listing which recites 45 sequences. The fibronectin sequence corresponds to SEQ ID NO:44. Accordingly, no new matter has been added.

Replacement Sequence Listing

The Sequence Listing has been amended to add SEQ ID NO:45. Enclosed herewith are (1) a paper copy of the Replacement Sequence Listing and (2) a computer-readable version of the Replacement Sequence Listing. This Amendment directs entry of the paper copy of the Listing into the application. In view of the foregoing, the application is believed to fully comply with the

Sequence Listing disclosure requirements.

Verification under 37 C.F.R. § 1.821(f) & (g)

All of the sequences in the attached Sequence Listing were included in the application as filed. Pursuant to 37 C.F.R. § 1.821(g), no new matter is being added herewith. As required under 37 C.F.R. § 1.821(f), I hereby verify that the data on the enclosed disk and the paper copies

of the Sequence Listing are identical.

Conclusion

Should there be any questions concerning this application, the Examiner is respectfully invited to contact the undersigned at the telephone number appearing below.

Respectfully submitted,

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